

Python: module cdms.convention

cdms.convention

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[UserList.UserList](#)
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class ***AbstractConvention***

Methods defined here:

axisIsLatitude(self, axis)
axisIsLongitude(self, axis)
getAxisAuxIds(self, vardict, axiskeys)
getAxisIds(self, vardict)
getDsetnodeAuxAxisIds(self, dsetnode)
getVarLatId(self, var, vardict=None)
getVarLonId(self, var, vardict=None)

class ***AliasList***([UserList.UserList](#))

Methods defined here:

__init__(self, alist)
__setitem__(self, i, value)

append(self, value)

Methods inherited from [UserList.UserList](#):

__add__(self, other)

__cmp__(self, other)

__contains__(self, item)

__delitem__(self, i)

__delslice__(self, i, j)

__eq__(self, other)

__ge__(self, other)

__getitem__(self, i)

__getslice__(self, i, j)

__gt__(self, other)

__iadd__(self, other)

__imul__(self, n)

__le__(self, other)

__len__(self)

__lt__(self, other)

__mul__(self, n)

__ne__(self, other)

__radd__(self, other)

__repr__(self)

__rmul__ = ***__mul__***(self, n)

__setslice__(self, i, j, other)

count(self, item)

extend(self, other)

index(self, item, *args)

insert(self, i, item)
pop(self, i=-1)
remove(self, item)
reverse(self)
sort(self, *args, **kwds)

class ***CFConvention***(COARDSConvention)

Method resolution order:

[CFConvention](#)
[COARDSConvention](#)
[NUGConvention](#)
[AbstractConvention](#)

Methods defined here:

__init__(self, version)
axisIsLatitude(self, axis)
axisIsLongitude(self, axis)
getAxisAuxIds(self, vardict, axiskeys)
 Get Axis2D and AuxAxis1D IDs
getDsetnodeAuxAxisIds(self, dsetnode)
 Get auxiliary axis IDs from a dataset node
getVarLatId(self, var, vardict)
getVarLonId(self, var, vardict)
getVariableBounds(self, dset, var)
 Get the bounds variable for the variable, from a dataset or f

Data and other attributes defined here:

current = 'CF-1.0'

Methods inherited from [NUGConvention](#):

getAxisIds(self, vardict)
 Get 1-D coordinate axis IDs.

class [COARDSConvention](#)([NUGConvention](#))

Method resolution order:

[COARDSConvention](#)
[NUGConvention](#)
[AbstractConvention](#)

Methods defined here:

__init__(self, version=None)

Methods inherited from [NUGConvention](#):

getAxisAuxIds(self, vardict, axiskeys)

getAxisIds(self, vardict)
Get 1-D coordinate axis IDs.

Methods inherited from [AbstractConvention](#):

axisIsLatitude(self, axis)

axisIsLongitude(self, axis)

getDsetnodeAuxAxisIds(self, dsetnode)

getVarLatId(self, var, vardict=None)

getVarLonId(self, var, vardict=None)

class [NUGConvention](#)([AbstractConvention](#))

Methods defined here:

__init__(self, version=None)

getAxisAuxIds(self, vardict, axiskeys)

getAxisIds(self, vardict)
Get 1-D coordinate axis IDs.

Methods inherited from [AbstractConvention](#):

axisIsLatitude(self, axis)

axisIsLongitude(self, axis)

getDsetnodeAuxAxisIds(self, dsetnode)

`getVarLatId(self, var, vardict=None)`

`getVarLonId(self, var, vardict=None)`

Functions

`getDatasetConvention(dset)`

Return an appropriate convention object. dset is a file or dataset

Data

`CF1 = <cdms.convention.CFConvention instance>`

`COARDS = <cdms.convention.COARDSConvention instance>`

`MethodNotImplemented = 'Method not yet implemented'`

`NUG = <cdms.convention.NUGConvention instance>`

`latitude_aliases = []`

`level_aliases = ['plev']`

`longitude_aliases = []`

`time_aliases = []`